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## (54) END TREATMENT OF COMPOSITE MEMBRANE

### (57)Abstract:

**PURPOSE:** To obtain a composite membrane having improved preservation quality, by forming a polymethacrylic resin layer on a base fabric surface coated with a specific resin, further forming a polyvinylidene fluoride resin layer thereon to form a composite membrane, applying a specific adhesive material to the ends of the above-mentioned membrane and firing the material.

**CONSTITUTION:** A synthetic fiber fabric, e.g. polyester, is coated with one or more resins selected from a urethane-vinyl chloride based copolymer resin with 40W60wt% polyurethane content, chlorinated polyethylene resin with 30W50wt% chlorine content and chlorosulfonated polyethylene resin with 30W50wt% chlorine content and 0.5W20wt% sulfur content. A polymethacrylic resin layer is formed on one or both surfaces thereof and then a polyvinylidene fluoride resin layer is further formed thereon to form a composite membrane. An adhesive material containing polyvinylidene fluoride as a material dissolved in a latent solvent, e.g. dimethylformamide, etc., is applied to ends of the membrane and fired at 100W130°C to afford the aimed composite membrane, having improved preservation quality of production rolls and joinable without requiring a complicated joining method.

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